BRUHAT BANGALORE MAHANAGARA PALIKE

Office Of the Executive Engineer, Dasarahalli Zone,Dasarahalli Division, Bangalore

Modified Schedule-B

Name of work : Modified Estimate for Improvements and Asphalting To Main and Cross Roads at Panchamuki Ganesha Temple road and Attilakkamma temple Opp Roads in Ward No:13, in Shettyhalli Sub Division.

Sl. No	Description of Item	Unit	Qty	Rate
1	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum		
	Qty Upto 125%		206.00	74.00
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M 10.0 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum		
	Qty Upto 125%		30.09	5000.00
3	KSRB - 4.2.8: Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum		
	Qty Upto 125%		88.62	5000.00
4	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	q		
	Qty Upto 125%		53.62	6000.00
5	KSRB - 4.6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm		
	Qty Upto 125%		824.00	290.00
6	Providing and Laying reinforced Cement Precast Slabs of Mix CC:1:11/2:3 Using 20 mm and Down Size Graded Granite Metal Using HYSD 10 mm Dia Steel @ 100mm CC Both Ways andincluding cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Sqm		
	Qty Upto 125%		168.75	1300.00

Sl. No	Description of Item	Unit	Qty	Rate
	Qty Above 125%		36.45	1300.00
7	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum		
	Qty Upto 125%		62.77	45.00
	Qty Above 125%		124.01	45.00
8	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base /base course on well prepared surface and compacting with vibratory rolle to achieve the desired density as per specifications.	Cum		
	Qty Upto 125%		52.31	1600.00
	Qty Above 125%		77.37	1600.00
9	KSRRB 500-6.Providing and applying primer coat with SS bitumen emulsion on prepared surface of WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.	Sqm		
	Qty Upto 125%		194.40	30.00
10	KSRRB 500-6.Providing and applying tack coat with bitumen (VG10) on Prepared Black Topped Surface at 2.5 Kg per 10per sqm, Heating Bitumen in Boiler Fitted WithnSpray Set (excluding Cleaning of Road Surface) Including Cost of All Materials Labours Complete as per Direction	Sqm		
	Qty Upto 125%		1506.00	13.00
11	Providing and laying bituminous concrete30- 40mm thick with HMP Producing an Average out put of 75 Tonnesper houur using crushed aggregate of specified grading, premixed with bituminous binder @ 4.5 to 5.00% percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled Vibratoar and Tandem rollers to achive the Disered Compaction as per specifications Using 40/60 TPH Capacity With Mechanical Paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen	Cum		
	Qty Upto 125%		60.24	9500.00
12	Carriage Of Mixed Materials 10 Kms, Complete as per The Direction of Engineer in Charge of the Work Complete as per Spicification	Cum		
	Qty Upto 125%		189.92	70.00

Sl. No	Description of Item	Unit	Qty	Rate
13	Disposal of Debries to The Final Place of Disposal With all Lead and Lift and as Direction by the Enginner in Charge of the Work Lead 10 km Basic Rate for Haulage of Materials as per Complete As per Specification	Cum		
	Qty Upto 125%		330.01	70.00

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